

ABSTRACT OF THE DISCLOSURE

Fuel cell including a casing, a cathode having a first surface and a second surface, at least part of the second surface being exposed to the atmosphere, an anode having a first surface and a second surface, a first chamber configured to retain liquid fuel, wherein the first chamber is defined at least partially by the first surface of the anode, and a second chamber configured to retain liquid electrolyte, wherein the second chamber is defined at least partially by the second surface of the anode and the first surface of the cathode, wherein the fuel cell is configured to be sealed in a substantially liquid-tight manner during at least a portion of its service life. A cartridge can be connected to the fuel cell. This Abstract is not intended to define the invention disclosed in the specification, nor intended to limit the scope of the invention in any way.